

GCV&M Curriculum Connections (Grades PK - 12)

Fall Nature Discoveries

The focus of this field trip is on the changing of the seasons, biodiversity of wildlife in our local landscape, and the physical adaptations that help animals survive in the Winter. Students will rotate through a series of stations, which could include a hike on our trails, a visit with our animals, an active game, a craft and dipping in the pond. The goal of this field trip is for students to observe and experience changes that happen in our environment during the autumn season.

FIELD TRIP OBJECTIVES

- The student will understand adaptations that help animals in the winter.
- The student will be able to identify native animals and interactions that they have with their habitats.
- The student will be able to assess biodiversity based off of observations of the local landscape.
- The student will model migration of native bird species to learn about changing seasons and migration patterns.
- The student will be able to classify animals into the correct animal kingdoms .

KEY WORDS

Adaptations	Changing Season
Habitat	Migration
Ecosystems	Climate
Animal Kingdom	Landscape
Biodiversity	Observation
Hibernation	Population
Interactions	Species
Survival	Relationships

Connections to NYS Standards

P. Physical Science [PS1-1]

P. Life Sciences [LS1-1, LS3-1]

K. Matter and It's interaction. [PS1-1]

K. Interdependent Relationships in Ecosystems: Plant, Animals and Their Environment [LS1-1, ESS2-2, ESS3-1]

1. Structure, Function and Information Processing
[LS1-1, LS1-2, LS3-1]

2. Interdependent Relationships in Ecosystems
[LS2-1, LS2-2, LS4-1]

2. Earth's Systems [ESS1-1, ESS2-3]

3. Interdependent Relationships in Ecosystems
[LS2-1, LS4-1, LS4-3, LS4-4]

3. Inheritance and Variations of Traits: Lifecycles and Traits
[LS3-2, LS4-2]

4. Energy: [ESS3-1]

4. Structure, Functioning and Information Processes
[LS1-1, LS1-2]

4. Earth Systems: Processes that shape the Earth [ESS1-1]

5. Matter and Energy in Organisms and Ecosystems
[PS3-1, LS1-1, LS2-1]

5. Earth's Systems [ESS2-1, ESS3-1]

MS. Interdependent Relationships in Ecosystems
[LS2-2, LS2-5]

MS. Matter and Energy in Organisms and Ecosystems
[LS2-1, LS2-3, LS2-4, LS2-6]

MS. Natural Selection and Adaptations [LS4-1, LS4-6]

MS. History of the Earth [ESS2-2, ESS1-4]

MS. Earth's Systems [ESS2-1, ESS3-1]

MS. Human Impact [ESS3-3, ESS3-4]

HS. Interdependent Relationships in Ecosystems
[LS2-1, LS2-2, LS2-7]

HS. Matter and Energy in Organisms and Ecosystems
[LS2-3]

HS. Natural Selection and Evolution [LS4-4, LS4-5]

HS. History of the Earth [ESS1-5, ESS1-6]

HS. Earth's Systems [ESS2-5]

HS. Human Sustainability [ESS3-1, ESS3-3]